

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of : Customer Number: 20277  
Takeshi HIKATA : Confirmation Number: 7075  
Application No.: 10/590,011 : Group Art Unit: 1792  
Filed: August 21, 2006 : Examiner: HORNIG, Joel  
For: CATALYST STRUCTURE AND METHOD OF MANUFACTURING CARBON  
NANOTUBE USING THE SAME

**AMENDMENT**

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

The following Amendment and Remarks are submitted in response to the Office Action  
dated September 14, 2010.

**Amendments to the Claims** begin on page 2.

**Remarks** begin on page 5.